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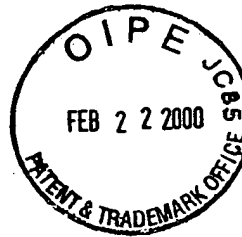
PATENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

On February 18, 2000

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]



FEB 24 2000

TECH CENTER 1600/2900

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 09/432,503

Filed: November 2, 1999

For: HUMAN TELOMERASE  
CATALYTIC SUBUNIT

Examiner: T. Saidha

Art Unit: 1652

COMMUNICATION UNDER

37 C.F.R. § 1.821(e)

and

PRELIMINARY AMENDMENT

Box SEQUENCE

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures mailed February 2, 2000, Applicants submit that the computer-readable form in the instant application is identical with the sequence listing filed February 10, 2000 in parent Application U.S.S.N. 08/974,549.

In accordance with 37 C.F.R. § 1.821(e), please use the computer-readable form filed in Application U.S.S.N. 08/974,549 as the computer-readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary changes in application number and filing date for the computer-readable form that will be used for the instant application. A paper copy of the sequence listing is enclosed.